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Engin Kirda, Pascal Fenkam, Gerald Reif, Harald Gall

July 2002

SEKE '02: Proceedings of the 14th international conference on engineering

Publisher: ACM

 Full text available: [Pdf](#) (92.83 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 61, Downloads (24 Months): 10

Mobile teamwork has become an emerging requirement in the daily bus collaborate across locations and need support while they are on the move. Expertise need to be shared independent ...

Keywords: XML, architectures, collaborative systems, components, distributed mobile teamwork

2 [Composing simulations from XML-specified model components](#)

Mathias Röhl, Adelinde M. Uhrmacher

 December 2006 **WSC '06:** Proceedings of the 38th conference on Winter simulation

Publisher: Winter Simulation Conference

 Full text available: [Pdf](#) (176.44 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 35, Downloads (24 Months): 10

This paper is about the flexible composition of efficient simulation model component framework that can be added as an additional layer on top of platform independent specifications ...

3 [Composing simulation models using interface definitions based on workflow](#)

Mathias Röhl, Stefan Morgenstern

 December 2007 **WSC '07:** Proceedings of the 39th conference on Winter simulation

Publisher: IEEE Press

 Full text available: [Pdf](#) (185.47 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 65, Downloads (24 Months): 10

Using models in different contexts poses major integration challenges, requiring different levels. Independently of each other developed model components cannot be integrated, even if based on the ...

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[A framework for collaborative control of applications](#)

[James R. Miller](#), [Serhan Yengulalp](#), [Patrick L. Sterner](#)

March 2005 **SAC '05**: Proceedings of the 2005 ACM symposium on Applie

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (439.48 KB)

Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 46, Downloa

Highly interactive applications are increasingly being used in decision su
applications are increasingly being used in decision support systems. Fr
collaborative environments in which ...

Keywords: collaborative techniques, remote application control

5 [Checkpoint and Restart for Distributed Components in XCAT3](#)

[Sriram Krishnan](#), [Dennis Gannon](#)

November 2004 **GRID '04**: Proceedings of the 5th IEEE/ACM International '1

Publisher: IEEE Computer Society

Full text available:  Pdf (160.71 KB)


Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 21, Downloa

With the advent of Grid computing, more and more high-end computati
to a scientist. While this opens up new avenues for scientific research, it
such a system a non-trivial ...

Keywords: Grids, Components, Web Services, Distributed Checkpointir


6 [Cultural applications for mobile devices: Issues and requirements for platforms](#)

 [Daphne Economou](#), [Damianos Gavalas](#), [Michael Kenteris](#), [George E. Tsekou](#)

July 2008

SIGMOBILE Mobile Computing and Communications Rev

Publisher: ACM

Full text available:  Pdf (1.10 MB)

Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 345, Downl

This paper explores requirements that authoring tools and development
development of cultural applications tailored for deployment on Persona
phones. To effectively determine such ...

7 [Universal access architecture for digital libraries](#)

[Francisco Alvarez-Cavazos](#), [Roberto Garcia-Sanchez](#), [David Garza-Salazar](#),
[Martha Sordia](#)

October 2005 **CASCON '05**: Proceedings of the 2005 conference of the Cen
Collaborative research

Publisher: IBM Press

Full text available:  Pdf (399.35 KB)

Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 100, Downl

In this paper we present a universal access architecture for digital librar

traditional fixed clients and mobile clients addressing the connection and challenges presented by mobile devices. ...

8 [Architectural components for the efficient design of mobile agent systems](#)

[Marthie Schoeman](#), [Elsabé Cloete](#)

September 2003 **SAICSIT '03**: Proceedings of the 2003 annual research conference of computer scientists and information technologists on En

Publisher: South African Institute for Computer Scientists and Information Techno

Full text available:  [Pdf](#) (136.00 KB) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 191, Downl

Over the past eighteen months, there has been a renewed interest in mobile continued exponential growth of Internet applications, the establishment applications, as well as the semantic web developments. ...

Keywords: design, mobile agent systems, software architecture model

9 [iMobile EE: an enterprise mobile service platform](#)

[Yih-Farn Chen](#), [Huale Huang](#), [Rittwik Jana](#), [Trevor Jim](#), [Matti Hiltunen](#), [Sam Muthumanickam](#), [Bin Wei](#)

July 2003 **Wireless Networks**, Volume 9 Issue 4

Publisher: Kluwer Academic Publishers


Full text available:  [Pdf](#) (2.90 MB) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 137, Downl

iMobile¹ is an enterprise mobile service platform that allows resource-link with each other and to securely access corporate contents and services. consists of devlets that ...

Keywords: content transcoding, middleware, mobile devices, mobile en

10 [Creating a mobile web application platform: the lively kernel experier](#)

 [Tommi Mikkonen](#), [Antero Talvalsaari](#)

March 2009 **SAC '09**: Proceedings of the 2009 ACM symposium on Applie

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (398.73 KB) Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 60, Downlo

The software industry is currently in the middle of two transitions -- toward web-enabled mobile devices. In this paper, we summarize our experience - an interactive web programming ...

Keywords: mobile devices, rich internet applications, web programmin

11 [Code generation techniques for developing light-weight XML Web se](#)


 [Robert van Engelen](#)

March 2004 **SAC '04**: Proceedings of the 2004 ACM symposium on Applie

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (404.19 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 91, Downloads (24 Months): 13


This paper presents specialized code generation techniques and runtime weight XML Web services for embedded devices. The optimizations are in the development environment for C and C++.

Keywords: Web Services, XML, embedded systems, networking**12** [An open and dynamical service oriented architecture for supporting m](#) [Elena Sanchez-Nielsen, Sandra Martin-Ruiz, Jorge Rodriguez-Pedrianes](#)

July 2006

ICWE '06: Proceedings of the 6th international conference on**Publisher:** ACMFull text available:  Pdf (425.17 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 23, Downloads (12 Months): 155, Downloads (24 Months): 13


Mobile services (m-services) play an important role in daily life and work. Service oriented architectures (SOA) are widely used to offer Web Services on the Internet. A lot of research has been done in m-services.

Keywords: dynamical m-services invocation, m-services architecture, service oriented architecture**13** [System architecture and interactivity model for mobile TV application](#) [M. Mohsin Saleemi, Jerker Björkqvist, Johan Lilius](#)

September 2008

DIMEA '08: Proceedings of the 3rd international conference on Entertainment and Arts**Publisher:** ACMFull text available:  Pdf (567.60 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 213, Downloads (24 Months): 13

Interactive services and applications for Mobile TV are considered to be new opportunities for mass media, mobile and broadcast industry. This paper presents a model for interactive services and applications.

Keywords: design requirements, interactive applications, interactivity**14** [Two executable mobility design patterns: mfold and mmap](#) [Zara Field, Rick Dewar, Phil Trinder, Andre Rauber Du Bois](#)


October 2006

PLoP '06: Proceedings of the 2006 conference on Pattern Language and Design**Publisher:** ACMFull text available:  Pdf (428.21 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 31, Downloads (24 Months): 13

We present two mobility design patterns, mfold and mmap. The pattern coordination specifications, *mobility skeletons*, implemented on top of a language, Voyager. The mobility skeletons.


Keywords: agents, code mobility, design patterns

15 Automatic semantic platform-dependent redesign

 [Giulio Mori, Fabio Paternò](#)

October 2005 **sOc-EUSAI '05**: Proceedings of the 2005 joint conference on intelligence: innovative context-aware services: usages and t

Publisher: ACM


Full text available:  Pdf (274.36 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 15, Download

Nowadays, many devices provide access to Web pages: desktops, mobile user interfaces need to be redesigned for mobile devices in order to support adapting the interface to different platforms ...

16 Mobile-process-based ubiquitous computing platform: a blueprint

 [Holger Schmidt, Rüdiger Kapitza, Franz J. Hauck](#)

March 2007 **MAI '07**: Proceedings of the 1st workshop on Middleware-app Euro-Sys 2007

Publisher: ACM

Full text available:  Pdf (267.58 KB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 72, Download

Mobile objects and agents are used for implementing distributed applications of local resources, volatile network connectivity and more efficient communication especially in dynamic ubiquitous ...


Keywords: middleware, mobile processes, mobility, ubiquitous computing

17 A mobile application framework for the geospatial web

 [Rainer Simon, Peter Fröhlich](#)

May 2007 **WWW '07**: Proceedings of the 16th international conference on

Publisher: ACM

Full text available:  Pdf (4.31 MB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 235, Download

In this paper we present an application framework that leverages geospatial enabling innovative modes of interaction and novel types of user interfaces PDAs. We discuss the current development ...


Keywords: geographical information services, geospatial web, location

18 The Mars project: PDF in XML

 [Matthew R. B. Hardy](#)

August 2007 **DocEng '07**: Proceedings of the 2007 ACM symposium on Document

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (1.15 MB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 60, Download

The Portable Document Format (PDF) is a page-oriented, graphically rich semantics. It is the file format underlying the Adobe® Acrobat® viewer industry for final form ...


Keywords: Mars, PDF, SVG, XML, package, zip

19 [Automatically adapting web sites for mobile access through logical d](#) [interaction resources](#)

 [Fabio Paternò, Carmen Santoro, Antonio Scorcio](#)

May 2008 **AVI '08:** Proceedings of the working conference on Advanced

Publisher: ACM

Full text available:  [Pdf](#) (1.31 MB)


Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 163, Downlo

While several solutions for desktop user interface adaptation for mobile still a lack of solutions able to automatically generate mobile versions to this paper, we propose a general ...

Keywords: mobile interfaces, model-based design, multi-device web in

20 [Clearwater: extensible, flexible, modular code generation](#)

 [Galen S. Swint, Calton Pu, Gueyoung Jung, Wenchang Yan, Younggyun Ko, Koichi Moriyama](#)

November 2005 **ASE '05:** Proceedings of the 20th IEEE/ACM international C engineering

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (236.62 KB)

Additional Information: [full citation](#), [abstra](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 43, Downlo

Distributed applications typically interact with a number of heterogeneous evolve independently. Methodical development of such applications can domain-specific languages (DSLs). However, ...

Keywords: AXpect, DSL, ISG, clearwater, code generation, infopipes

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